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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/625,893

07/24/2003

Thinh Nguyenphu

59643.00269

1188

32294

7590

04/22/2008

SQUIRE, SANDERS & DEMPSEY L.L.P.

8000 TOWERS CRESCENT DRIVE

14TH FLOOR

VIENNA, VA 22182-2700

EXAMINER

ZEWDU, MELESS NMN

ART UNIT

PAPER NUMBER

2617

MAIL DATE

DELIVERY MODE

04/22/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

DETAILED ACTION

Response to After-Final Amendment

1. This action is in response to the communication filed on 4/10/08.
2. The after final amendment will not be entered.
3. Remarks regarding applicant's arguments are provided below.
4. This action is an advisory action.

5. **REMARKS**

Applicant's arguments and corresponding examiner's responses are based on the following references applied to obviate the claims in the instant application.

1. (US 2003/0137948 A1) issued to Kondure et al. (Komandur);
2. (US 6,161,016) issued to Yarwood;
3. (US 7, 154,903 B2) issued to Sivalingham; and
4. (US 2002/0057658 A1) issued to Lim.

With regard to the independent claims, wherein claim 1 is being argued as a representative claim for other claims, applicant argues by saying --- Komandur does not provide any description or suggestion in paragraph [0045] or in any other portion thereof that the wireless content switch 115 generates and sends to the core network node one or more messages in response to one or more of said one or more messages from the

core network node --- and --- Yarwood does not teach or suggest sending any message from the base station to the broadcast centre when a paging attempt fails to get a response; in particular, it does not teach or suggest (i) a broadcast centre directing messages to the mobile station to which the absence of a response would result in the broadcast centre releasing a communication link with the mobile device; and (ii) a base station informing the broadcast centre that the mobile device is out of reach (on the basis of the mobile station has not responded to successive paging attempts from the base station), and the broadcast centre nevertheless retaining the communication link with the mobile device despite such notification from the base station that the mobile device is out of reach.

First examiner would like to state that since all issues were properly addressed in the final rejection, this response to applicant's after final argument is a courtesy response made to clarify the main issues applicant still believes have not been convincingly addressed. With regard to the issues currently raised, examiner's position is as follows. Considering Komandur's reference, without piece mill approach, one can see that it is a wireless packet data communication including a core network (see fig. 1; paragraphs 0003-0004 and 0032-0033). It also includes a wireless content switch (fig. 1, element 115) which is an intelligent packet control node (IPCN) (see paragraph 0033). This embodiment reads on or (discloses) the claimed – a core network; at least one core network node and a controller associated with at least one access network (consider the wireless network). While the a non-specific feature, --- to monitor at least one condition associated with the wireless interface can read on “the wireless content

switch 115 examines the wireless radio link conditions" (see paragraph 0049), the remaining issue is --- generating and sending to the core network node one or more messages in response to one or more of said one or more messages from the core network node. In this regard, while which particular network entity does what function is a design choice/consideration of an artisan, Komandur's reference further discloses --- whether a radio link is down or not can be determined by, for example, using a handshake signal (thus, exchanging successive messages) (see paragraph 0049). The monitoring includes determining as whether the mobile in question is reachable or not and if not reachable packet transmission for that mobile is delayed/paused (see paragraph 0045).

But, as stated in the body of the rejection of the claims, Komandur does not explicitly state -- releasing a communication link associated with the mobile device in the absence of a response to one or more messages/pages directed to the mobile device. This feature is taught by Yarwood's reference which teaches about assigning channels when mobiles enter a cell area and releasing channels when the mobiles leave the cell area (see at least, the abstract). Leaving a cell area is becoming unreachable. This, examiner does not find the argument persuasive and the final rejection stands as provided.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Meless N. Zewdu whose telephone number is (571) 272-7873. The examiner can normally be reached on 8:30 am to 5:00 pm..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bost Dwayne D can be reached on (571) 272-7023. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Art Unit: 2617

Any inquiry of a general nature relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (571) 272-2600.

/Meless N Zewdu/
Primary Examiner, Art Unit 2617
4/22/2008